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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:10 ; Search time 319.49 Seconds
 (Without alignments)
 17.722 Million cell updates/sec

Title: US-09-851-670-17
 Perfect score: 25
 Sequence: 1 ctccaaacttggaatcacggatcaca 25

Scoring table: IDENTITY_NUC
 Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 515962

Minimum DB seq length: 0
 Maximum DB seq length: 60

Post-processing: Maximum Match 0%
 Listing first 45 summaries

Database : Issued_Patents_NA:*

- 1: /cgn2_6/ptodata/2/ina/5A_COMB.seq: *
- 2: /cgn2_6/ptodata/2/ina/5B_COMB.seq: *
- 3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
- 4: /cgn2_6/ptodata/2/ina/6B_COMB.seq: *
- 5: /cgn2_6/ptodata/2/ina/PCTR5_COMB.seq: *
- 6: /cgn2_6/ptodata/2/ina/backfile51.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
C 1	15.6	62.4	41	4	US-08-225-836C-102	Sequence 102, Appl
C 2	14.4	57.6	39	3	US-08-280-744A-32	Sequence 32, Appl
C 3	14.2	56.8	42	1	US-08-431-538-13	Sequence 13, Appl
C 4	13.8	55.2	56	2	US-08-244-431-23	Sequence 23, Appl
C 5	13.8	55.2	56	2	US-08-244-431-22	Sequence 22, Appl
C 6	13.8	55.2	58	4	US-08-952-793-245	Sequence 245, Appl
C 7	13.8	55.2	58	5	US-08-0955A-245	Sequence 245, Appl
C 8	13.4	53.6	40	2	US-08-244-431-21	Sequence 21, Appl
C 9	13.4	53.6	50	2	US-08-244-431-29	Sequence 29, Appl
C 10	13.4	53.6	51	2	US-08-244-431-30	Sequence 30, Appl
C 11	13.4	53.6	52	2	US-08-244-431-27	Sequence 27, Appl
C 12	13.4	53.6	53	2	US-08-244-431-25	Sequence 25, Appl
C 13	13.4	53.6	56	2	US-08-244-431-20	Sequence 20, Appl
C 14	13.4	53.6	57	2	US-08-244-434-18	Sequence 18, Appl
C 15	13.4	53.6	52	6	53:4656-10	Patent No. 5334656
C 16	13	52.0	27	6	53:4656-9	Patent No. 5334656
C 17	13	52.0	28	6	53:4656-9	Patent No. 5334656
C 18	13	52.0	30	1	US-08-205-507-17	Sequence 17, Appl
C 19	13	52.0	30	1	US-08-371-986-24	Sequence 24, Appl
C 20	13	52.0	30	1	US-08-503-858-9	Sequence 9, Appl
C 21	13	52.0	30	3	US-09-006-597-3	Sequence 3, Appl
C 22	13	52.0	30	3	US-09-006-597-4	Sequence 4, Appl
C 23	13	52.0	30	3	US-09-006-597-7	Sequence 7, Appl
C 24	13	52.0	31	2	US-08-692-787-24	Sequence 24, Appl
C 25	13	52.0	47	3	US-09-006-597-2	Sequence 2, Appl
C 26	13	52.0	6	53:4656-8	Patent No. 5334656	
C 27	13	52.0	53	6	53:4656-7	Patent No. 5334656

ALIGNMENTS

RESULT 1
 US-08-235-836C-102/c
 ; Sequence 102, Application US/08235836C
 ; Patent No. 6248562
 ; GENERAL INFORMATION:
 ; APPLICANT: Luft, Benjamin J.
 ; TITLE OF INVENTION: No. 6448562el Chimeric Proteins Comprising
 ; NUMBER OF SEQUENCES: 144
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Brookhaven National Laboratory
 ; STREET:
 ; CITY: Upton
 ; STATE: NY
 ; COUNTRY: USA
 ; ZIP: 11973
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/235,836C
 ; FILING DATE: 29-APR-1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/148,191
 ; FILING DATE: 01-11-93
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Bogosian, Margaret C.
 ; REGISTRATION NUMBER: 25,324
 ; REFERENCE/DOCKET NUMBER: BNL93-28A
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (516) 282-7338
 ; TELEFAX: (516) 282-3729
 ; INFORMATION FOR SEQ ID NO: 102:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 41 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-235-836C-102

Query Match Score 62.4%; DB 4; Length 41;
 Best Local Similarity 81.8%; Pred. No. 31;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 ctccaaacttggaatcacggatcaca 22

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/437,538
 FILING DATE: 09-MAY-1995
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: PICCIANO, DANIELE
 REGISTRATION NUMBER: 33543
 REFERENCE/DOCKET NUMBER: 1220/218525
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-861-3000
 TELEFAX: 202-822-0944
 TELEX: 6714627 CUSH
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 42 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-137-538-13

RESULT 5
 US-08-244-434-23
 Query Match 56.8%; Score 14.2; DB 1; Length 42;
 Best Local Similarity 84.2%; Pred. No. 1.6e+02; Indels 0; Gaps 0;
 Matches 16; Conservative 0; Mismatches 3;

QY 1 ctccaaacttggatcacaqcg 19
 ||| ||||| ||||| |||||
 Db 24 CTCAAACTTGGAACTACCGG 6

RESULT 6
 US-08-244-434-22/C
 Sequence 23, Application US/08244434
 ; Sequence 23, Application US/08244434
 ; Patient No. 5854004
 ; GENERAL INFORMATION:
 ; APPLICANT: Czerniolsky, A.P.
 ; APPLICANT: Himmer, A.
 ; APPLICANT: Stratowa, C.
 ; APPLICANT: Weyer, U.
 ; APPLICANT: Lamche, H.
 ; APPLICANT: Sch fer, R.
 TITLE OF INVENTION: Process for Screening Substances Capable of Modulating a Receptor-Dependent Cellular Signal
 TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
 TITLE OF INVENTION: Transmission Path
 NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox
 STREET: 1100 New York Avenue, Suite 600
 CITY: Washington
 STATE: D.C.
 ZIP: 20005
 COUNTRY: U.S.A.

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/244,434
 FILING DATE: 25-MAY-1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/92/02718
 FILING DATE: PCT Filing Date: 25-NOV-1992
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Esmond, Robert W.
 REGISTRATION NUMBER: 32,893
 REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 56 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: oligonucleotide
 US-08-244-434-22

REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 23:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 50 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: oligonucleotide
 US-08-244-434-23
 Query Match 55.0%; Score 14; DB 2; Length 50;
 Best Local Similarity 77.3%; Pred. No. 2e+02; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 5;

QY 4 caacttggatcacaqcg 25
 ||| ||||| ||||| |||||
 Db 2 CGACCTGTGATCAGGTCACA 23

Query Match 55.2%; Score 13.8; DB 2; Length 56;
 Best Local Similarity 56.0%; Pred. No. 2.6e+02; Indels 0; Gaps 0;
 Matches 14; Conservative 4; Mismatches 7;

Qy 1 ctccacttgcataatcaggatcacaca 25
 Db 51 CACTAAGCTTGAATCACGGCTACA 27

RESULT 7
 US-08-952-793-245
 Sequence 245, Application US/08952793
 Patent No. 6280932
 GENERAL INFORMATION:
 APPLICANT: PARMA, et al.
 TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
 TIME OF INVENTION: TO LECTINS
 NUMBER OF SEQUENCES: 390
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Swanson & Bratschun, L.L.C.
 STREET: 8400 E. Prentice Avenue, Suite 200
 CITY: Englewood
 STATE: Colorado
 ZIP: 80111
 COUNTRY: USA

COMPUTER READABLE FORM:
 COMPUTER: IBM pc compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WordPerfect 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/952,793
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/09455
 FILING DATE: 05-JUNE-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/479,724
 FILING DATE: 07-JUNE-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/472,256
 FILING DATE: 07-JUNE-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/479,724
 FILING DATE: 07-JUNE-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/472,255
 FILING DATE: 07-JUNE-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/477,829
 FILING DATE: 07-JUNE-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Barry J. Swanson
 REGISTRATION NUMBER: 33,215
 FILING DATE: 07-JUNE-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: NEX40C/PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (303) 793-3333
 TELEFAX: (303) 793-3433
 INFORMATION FOR SEQ ID NO: 245:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 58 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: RNA
 FEATURE:
 OTHER INFORMATION: All C's are 2'-F cytosine

FEATURE:
 OTHER INFORMATION: All U's are 2'-F uracil

US-08-952-793-245

Query Match 55.2%; Score 13.8; DB 4; Length 58;
 Best Local Similarity 56.0%; Pred. No. 2.6e+02; Indels 0; Gaps 0;
 Matches 14; Conservative 4; Mismatches 7;

Qy 1 ctccacttgcataatcaggatcacaca 25
 Db 6 CUGAGCUUCGACCAUAGGUACAA 30

RESULT 9
 US-08-244-434-21/C
 ; Sequence 21, Application US/08244434
 ; Patent No. 5854004
 ; GENERAL INFORMATION:
 ; APPLICANT: Czernilofsky, A.P.
 ; APPLICANT: Himmel, A.
 ; APPLICANT: Stratowa, C.
 ; APPLICANT: Weyer, U.
 ; APPLICANT: Lanche, H.
 ; APPLICANT: Sch fer, R.
 TITLE OF INVENTION: Process for Screening Substances Capable of Modulating a Receptor-Dependent Cellular Signal
 TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
 NUMBER OF SEQUENCES: 37
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox
 STREET: 1100 New York Avenue, Suite 600
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/244,434
 FILING DATE: 25-MAY-1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/92/02718
 FILING DATE: PCT Filing Date: 25-NOV-1992
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Esmond, Robert W.
 REFERENCE/DOCKET NUMBER: 32,893
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 40 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: oligonucleotide
 US-08-244-434-21
 RESULT 10
 US-08-244-434-29
 Query Match
 Best Local Similarity 53.6%; Score 13.4; DB 2; Length 40;
 Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
 Qy 3 ccaacttggatcacgtacaca 25
 | ||| | ||||| ||||| |||
 Db 40 CTAAGCTTGATGACCGCTTACA 18
 ; GENERAL INFORMATION:
 ; APPLICANT: Czernilofsky, A.P.
 ; APPLICANT: Himmel, A.
 ; APPLICANT: Stratowa, C.
 ; APPLICANT: Weyer, U.
 ; APPLICANT: Lanche, H.
 ; APPLICANT: Sch fer, R.
 TITLE OF INVENTION: Process for Screening Substances Capable of Modulating a Receptor-Dependent Cellular Signal
 TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
 NUMBER OF SEQUENCES: 37
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox
 STREET: 1100 New York Avenue, Suite 600
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005
 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/244,434
 FILING DATE: 25-MAY-1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/92/02718
 FILING DATE: PCT Filing Date: 25-NOV-1992
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Esmond, Robert W.
 REGISTRATION NUMBER: 32,893
 REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 52 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: oligonucleotide
 US-08-244-434-30

RESULT 12
 Query Match 53.6%: Score 13.4; DB 2; Length 51;
 Best Local Similarity 73.9%; Pred. No. 4.1e+02; Mismatches 0; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Sequence 27, Application US/08244434
 ; Patent No. 5854004

GENERAL INFORMATION:
 APPLICANT: Czernilofsky, A.P.
 APPLICANT: Himmeler, A.
 APPLICANT: Stratowa, C.
 APPLICANT: Weyer, U.
 APPLICANT: Lamche, H.
 APPLICANT: Sch fer, R.

APPLICANT: Sch fer, R.
 TITLE OF INVENTION: Process for Screening Substances Capable of Modulating a Receptor-Dependent Cellular Signal
 TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
 NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox
 STREET: 1100 New York Avenue, Suite 600
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/244,434
 FILING DATE: 25-MAY-1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/92/02718
 FILING DATE: PCT Filing Date: 25-NOV-1992
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Esmond, Robert W.
 REGISTRATION NUMBER: 32,893
 REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 25:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 53 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both

RESULT 13
 Query Match 53.6%: Score 13.4; DB 2; Length 52;
 Best Local Similarity 73.9%; Pred. No. 4.1e+02; Mismatches 0; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Sequence 25, Application US/08244434
 ; Patent No. 5854004

GENERAL INFORMATION:
 APPLICANT: Czernilofsky, A.P.
 APPLICANT: Himmeler, A.
 APPLICANT: Stratowa, C.
 APPLICANT: Weyer, U.
 APPLICANT: Lamche, H.
 APPLICANT: Sch fer, R.

APPLICANT: Sch fer, R.
 TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
 TITLE OF INVENTION: Transmission Path
 NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox
 STREET: 1100 New York Avenue, Suite 600
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/244,434
 FILING DATE: 25-MAY-1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/92/02718
 FILING DATE: PCT Filing Date: 25-NOV-1992
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Esmond, Robert W.
 REGISTRATION NUMBER: 32,893
 REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 25:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 53 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both

TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-244-434-25

Mon Mar 11 07:46:35 2002

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